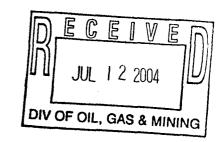


1368 South 1200 East Vernal Utah 84078 Telephone: 435-781-0166 Fax: 435-781-7095

July 6, 2004

Diana Whitney
State of Utah
Department of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801



Dear Ms. Whitney:

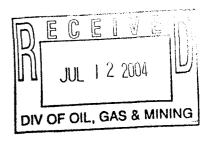
Please find enclosed a copy of the report "Cultural Resource Inventory of Westport Oil and Gas Company's Eight Proposed Well Locations: NBU 1022-20A, C, E, G, I, K, M and 1022-17O (Lease #s ML-22974, UTU-470, and UTU-0469) with Access and Pipeline Corridors Uintah County, Utah." SITLA now requires us to send you a copy of this report because part of the area that was studied is on State lands.

If you have any questions, please feel free to contact me at (435)781-7060.

Sincerely,

Debra Domenici

Sr. Administrative Assistant



CULTURAL RESOURCE INVENTORY OF WESTPORT OIL AND GAS COMPANY'S EIGHT PROPOSED WELL LOCATIONS: NBU 1022-20A,C,E,G,I, K, M and 1022-17O (LEASE #s ML-22974, UTU-470, AND UTU-0469) WITH ACCESS AND PIPELINE CORRIDORS UINTAH COUNTY, UTAH

> Melissa Elkins and Keith R. Montgomery

CULTURAL RESOURCE INVENTORY OF WESTPORT OIL AND GAS COMPANY'S EIGHT PROPOSED WELL LOCATIONS:
NBU 1022-20A,C,E,G,I, K, M and 1022-17O (LEASE #s ML-22974, UTU-470, AND UTU-0469)
WITH ACCESS AND PIPELINE CORRIDORS UINTAH COUNTY, UTAH

Ву:

Melissa Elkins and Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
Utah State Institutional Trust Lands Administration

Prepared Under Contract With:

Westport Oil and Gas Company 1368 South 1200 East Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

MOAC Report No. 04-135

June 28, 2004

United States Department of Interior (FLPMA)
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-04-MQ-0557b,s

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants (MOAC) in June 2004 for eight proposed Westport Oil and Gas Company well locations with access road/pipeline corridors. The project area is located on East Bench east of Ouray in Uintah County, northeastern Utah. The proposed well locations are designated NBU #1022-20A, #1022-20C, #1022-20E, #1022-20G, #1022-20I, #1022-20K, #1022-20M, and #1022-17O. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. The project is situated on lands administered by the Bureau of Land Management (BLM), Vernal Field Office, and SITLA land.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed in June, 2004 by Keith Montgomery. The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 04-UT-60122, State of Utah Antiquities Permit (Survey) No. U-04-MQ-0557b,s issued to MOAC, Moab, Utah.

A file search for previous cultural resource inventories and archaeological sites was conducted by Marty Thomas at the Utah State Historic Preservation Office, Salt Lake City (May 26 and June 18, 2004). These consultations indicated that several cultural resource inventories have been conducted in the project area; however, no archaeological sites occur within the proposed well locations or access/pipeline corridors.

In 1978, Archeological-Environmental Research Corporation (AERC) conducted the Natural Buttes Cultural Mitigation Study (Hauck, Weder, and Kennette 1978). This inventory involved 3,760 acres resulting in the documentation of site 42Un658 to the east of the current project area.

AERC surveyed proposed well locations CIGE #14 and #16 for Colorado Interstate Gas Exploration in 1978 resulting in no cultural resources (Hauck 1978).

In 1979, AERC conducted archaeological reconnaissance of two well locations in the Natural Buttes locality for CIG Exploration, resulting in no cultural resources (Hauck 1979). In 1981, AERC conducted inventories of four proposed well locations and access roads for Coastal Oil and Gas Corporation, resulting in no cultural resources (Hauck 1981a). However, two paleontological localities were identified.

AERC conducted an inventory of eight proposed well locations and access roads for CIG Exploration in 1981, resulting in the finding of one paleontologic site and three prehistoric isolated finds of artifacts (Hauck 1981b).

In 1981, Brigham Young University conducted an inventory of the TOSCO Corporation Sand Wash Project for the construction of a shale oil recovery plant and support facilities (Neilson 1981). The inventory resulted in the documentation of 23 new archaeological sites.

In 1990, the Bureau of Land Management conducted an inventory of six East Bench livestock reservoirs, resulting in no cultural resources (Phillips 1990).

In 2001, AERC conducted a cultural resource evaluation of nine proposed NBU and CIGE well locations and associated access/pipeline corridors, resulting in the documentation of site 42Un2797 (Hauck 2001). Site 42Un2797 is a prehistoric lithic scatter and historic inscription not recommended eligible to the NRHP.

DESCRIPTION OF THE PROJECT AREA

Westport Oil and Gas Company's eight proposed well locations with access and pipelines routes are situated on East Bench, south of the Bitter Creek Gas Field and west of the White River. The legal description is Township 10 South, Range 22 East, Sections 17, 19, 20, and 21 (Figure 1, Table 1).

Environmental Setting

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the inventory area is situated on East Bench, just south of the Bitter Creek Gas Field. The area is heavily dissected and carved by ephemeral drainages. The surface geology consists of hard pan residual soil armored with shale and sandstone pebbles as well as some sand shadows. The elevation averages 5400 feet. The project occurs within the Upper Sonoran Desert Shrub Association which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and non-native vegetation. Modern disturbances include grazing, roads, and oil/gas development.

Table 1. Westport Oil and Gas Company's Eight Well Locations and Access/Pipeline Corridors.

Well Location	Legal Location	Access/Pipeline	Cultural Resources
NBU #1022-20A	T10S R22E Sec 20, NE/NE 660' FNL, 660' FEL	Access: 314.7 feet Pipeline: 290.9 feet	None
NBU #1022-20C	T10S R22E Sec 20, NE/NW 514' FNL, 2346' FWL	Access: 179.4 feet Pipeline: 732.6 feet	None
NBU #1022-20E	T10S R22E Sec 20, SW/NW and SE/NW 2461' FNL, 1229' FWL	Access: 2158.9 feet Pipeline: 2062.9 feet	IF-A
NBU #1022-20G	T10S R22E Sec 20, SW/NE and NW/NE 1507' FNL, 1813' FEL	Access: 461.6 feet Pipeline: 667.5 feet	None
NBU #1022-20I	T10S R22E, SE/NE and NE/SE of Sec 20; NW/SW and SW/NW of Sec 21 2462' FSL, 154' FEL	Access: 1169.3 feet Pipeline: 2445.3 feet	None
NBU #1022-20K	T10S R22E Sec 20, NE/SW 2112' FSL, 2111' FWL	Access: 1266.6 feet Pipeline: 822.6 feet	None
NBU #1022-20M	T10S R22E Sec 20, SW/SW and SE/SW 733' FSL, 1139' FWL	Access: 1334.9 feet Pipeline: 1715.2 feet	None
NBU #1022-17O	T10S R22E Sec 17, SW/SE 464' FSL, 2250' FEL	Access: 314.7 feet Pipeline: 290.9 feet	None

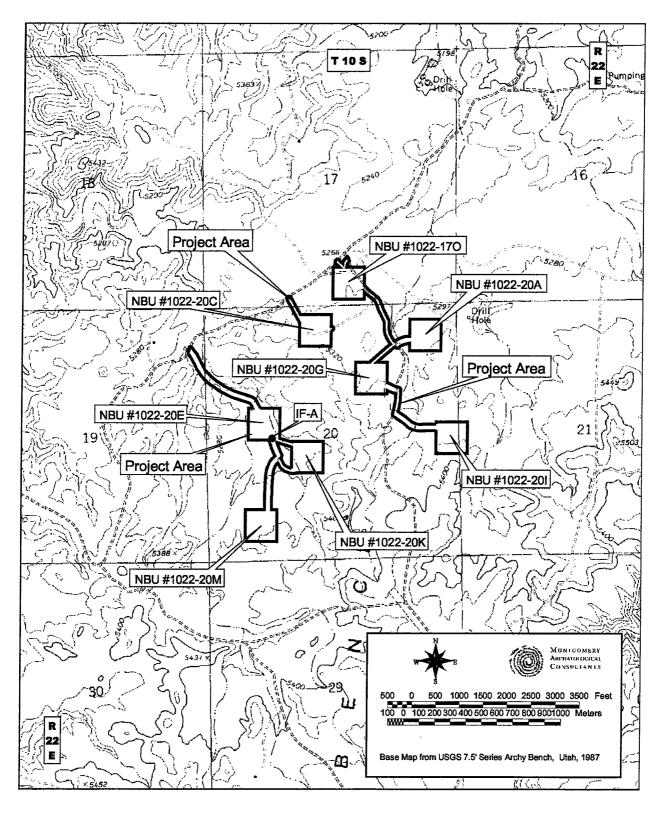


Figure 1. Inventory Area of Westport Oil and Gas Company's Proposed Eight Well Locations in T10S, R22E, Sections 17, 19, 20, and 21 Showing Cultural Resources, Uintah County, Utah.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed by the archaeologist walking parallel transects spaced no more than 10 m (32.8 ft) apart, which is considered 100% coverage for this project. At each of the proposed well locations, a 10 acre square was defined, centered on the well pad center stake. Access roads and pipeline corridors were surveyed to a width of 30 m (98.4 ft) when they occurred separately and 45 m (147.6 ft) when they occurred together. Ground visibility was considered good. A total of 105.7 acres was inventoried for cultural resources, of which 53.5 acres occurs on BLM-administrated land, and 52.2 acres occurs on SITLA lands.

RESULTS AND RECOMMENDATIONS

The inventory of Westport Oil and Gas Company's proposed eight well locations with access/pipeline corridors resulted in the recordation of one isolated find of artifact.

Isolated Find A (IF-A) is located within proposed well location NBU #1022-20E in the NW/NE/SW of Section 20, T10S R22E, UTM: 630966E/4421348N. It consists of one gray opaque chert secondary flake, one gray opaque chert tertiary flake, one gray opaque chert primary flake, and one dark gray opaque chert prepared core with ten flakes removed from narrow margins and crushing observed along three margins (4.5 x 3.5 x 3 cm).

No archaeological sites were found within any of the proposed well locations or access/pipeline routes. Based on the findings, archaeological clearance is recommended for this undertaking.

REFERENCES CITED

Hauck, F.R., D.G. Weder, and S. Kennette

Final Report on the Natural Buttes Cultural Mitigation Study. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-78-AF-0348b.

Hauck, F.R.

1978 Cultural Resource Inventory of the CIGE #14 and CIGE #16 Well Locations for Colorado Interstate Gas Exploration in the White River Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-78-AF-0220b.

Hauck, F.R.

Archaeological Reconnaissance of Two Well Locations in the Natural Buttes Locality of Uintah County, Utah. Archeological-Environmental Research

Corporation, Salt Lake City, Utah. Report No. U-79-AF-0316b.

1981a Cultural Resource Inventory of Four Proposed Well Locations and Access Roads in the Natural Buttes Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Salt Lake City, Utah. Report No. U-

81-AF-0673b.

1981b Cultural Resource Inventory of Eight Proposed Well Locations and Access Roads in the Natural Buttes Locality of Uintah County, Utah. Archeological-

Environmental Research Corporation, Salt Lake City, Utah. Report No. U-

81-AF-0676b.

2001 Cultural Resource Evaluation of Nine Proposed NBU and CIGE Well

Locations and Associated Access/Pipeline Corridors in the East Bench Locality. Archeological-Environmental Research Corporation, Salt Lake City,

Utah. Report No. U-01-AF-0204b.

Neilson, A.

1981 A Cultural Resource Inventory of the TOSCO Corporation Sand Wash

Project in Uintah County, Eastern Utah. Brigham Young University, Provo,

Utah. Report No. U-81-BC-0721b.

Phillips, B.

An Archaeological Survey of Six East Bench Reservoirs, Uintah County,

Utah. Bureau of Land Management, Vernal, Utah. Report No. U-90-BL-

540b.

Stokes, W.L.

1986 Geology of Utah. Utah Museum of Natural History and Utah Geological and

Mineral Survey, Salt Lake City.

Form 3160-3 (August 1999)

FORM APPROVED OMB No. 1004-0136

UNITED ST DEPARTMENT OF T	Expires November 30, 2	Γribe Name		
BUREAU OF LAND	5. Lease Serial No. UTU-470			
0 0 1 APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe Name	6. If Indian, Allottee or Tribe Name		
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name NATURAL BUTTES	and No.	
1b. Type of Well: ☐ Oil Well Gas Well ☐ Otl	ner Single Zone Multiple Zone	8. Lease Name and Well No. NBU 1022-20A		
	SHEILA UPCHEGO E-Mail: supchego@westportresourcescorp.com	9. API Well No. 43-047-	35987	
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094	10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Report location clearly and in accorda		11. Sec., T., R., M., or Blk. and Sur	rvey or Area	
At surface NENE 660FNL 660FEL	31936× 39.939784	Sec 20 T10S R22E Mer S	LB	
At proposed prod. zone	422005 Y-109, 455781			
 Distance in miles and direction from nearest town or post 31.2 MILES SOUTHEAST OF OURAY, UTAH 	office*	12. County or Parish UINTAH	13. State UT	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to this v	well	
660'	400.00			
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file		
REFER TO TOPO C	8700 MD	CO-1203		
21. Elevations (Show whether DF, KB, RT, GL, etc. 5298 GL	22. Approximate date work will start	23. Estimated duration	, , , , , , , , , , , , , , , , , , ,	
	24. Attachments			
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to	this form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of 	Item 20 above). em Lands, the 5. Operator certification	ons unless covered by an existing bond	`	
25. Signature (Electronic Subprission)	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435.781.7024	Date 09.	/27/2004	
Title REGULATORY ANALYST				
Approved by (Signature)	Name (Printed/Typed)	Date)-12-04	
Titte	Office ENVIRONMENTAL SCIENTIST III			

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #36718 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY L.P., sent to the Vernal

Federal Approval of this Action is Necessery

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED OCT 0 5 2004

T10S, R22E, S.L.B.&M. WESTPORT OIL AND GAS COMPANY, L.P. 1991 Alum. Well location, NBU #1022-20A, located as shown 1991 Alum. Cap 1.0' Above Cap 0.4' High, 1991 Alum. Cap. 0.5' High Pile of Stones in the NE 1/4 NE 1/4 of Section 20, T10S, R22E, -Pile of Stones Pile of Stones -S8918'30"W - 2646.53' (Meas.) N89°43'05"W - 2653.37' (Meas.) S.L.B.&M. Uintah County, Utah. BASIS OF ELEVATION 660, TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 NBU #1022-20A OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 Elev. Ungraded Ground = 5298' 660' MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET. BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. NO0°04°51 1991 Alum. Cap 1.0' High, Pile of Stones 20 1991 Alum. Cap 0.1' Above 1' High Pile of Stones 60, SCALE THIS IS TO CERTIFY THAT THE ABOVE PLAY WASVEREFARED FROM FIELD NOTES OF ACTUAL SURVEYS MARE BY ME OR CORRECT TO THE SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE W... 15, 90.00N BEST OF MY KNOWLEDGE AND S89'49'20"W - 2654.64' (Meas.) S89°52'20"W - 2653.25' (Meas.) 1991 Alum. Cap → 1991 Alum. Cap 0.4' 1991 Alum. Cap 0.1' UINTAH ENGINEERING Above 0.8' High Pile 0.1' High, Pile Above 1.0' High Pile of Stones, Steel Post of Stones of Stones 85 SOUTH 200 EAST -VERNAL, UTAH 84078 (435) 789-1017 LEGEND: SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000'05-11-04 05-18-04 = 90° SYMBOL (NAD 83) PARTY REFERENCES K.K. B.W. PROPOSED WELL HEAD. D.COX LATITUDE = G.L.O. PLAT 39'56'23.66" (39.939906)WEATHER FILE LONGITUDE = 109'27'23.43" (109.456508) = SECTION CORNERS LOCATED. WESTPORT OIL AND WARM GAS COMPANY, L.P.

NBU #1022-20A **NE/NE Sec. 20,T10S,R22E UINTAH COUNTY, UTAH UTU-470**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1000'
Wasatch	4200'
Mesaverde	6700'
TD	8,700'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1000'
Gas	Wasatch	4200'
Gas	Mesaverde	6700'
Water	N/A	
Other Minerals	N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Proposed Casing & Cementing Program: 4.

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8,700' TD, approximately equals 3480 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1566 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please see Natural Buttes Unit SOP.

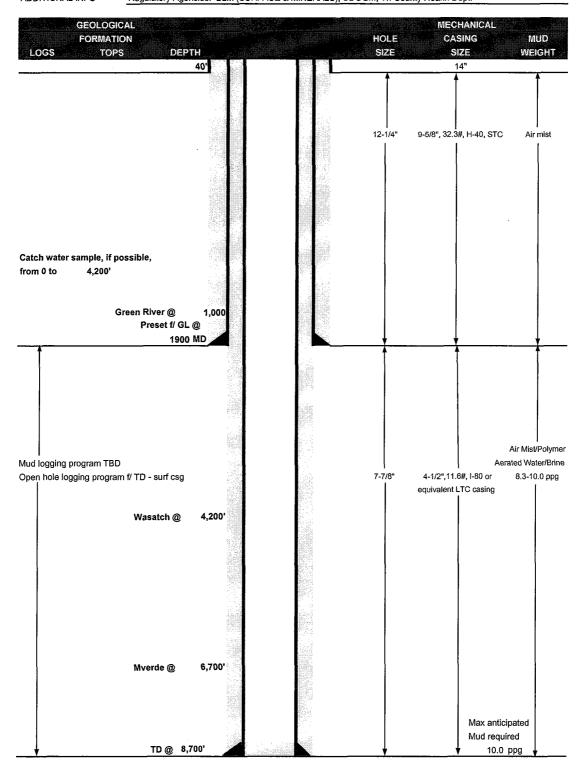
10. Other Information:

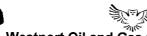
Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

Westport Oil and Gas Co., L.P. COMPANY NAME September 17, 2004 NBU 1022-20A 8,700' MD/TVD WELL NAME TD 5,298' GL Natural Buttes COUNTY Uintah STATE Utah ELEVATION KB 5,313' FIELD 660' FNL & 660' FEL, NENE SEC. 20, T10S, R22E SURFACE LOCATION Straight Hole 39.939906 Longitude: 109.456508 Latitude: OBJECTIVE ZONE(S) Wasatch/Mesaverde ADDITIONAL INFO Regulatory Agencies: BLM (SURFACE & MINERALS), UDOGM, Tri-County Health Dept.





Westport Oil and Gas Company, L.P. **DRILLING PROGRAM**

CASING PROGRAM

						3 . 1	DESIGN FACT	ORS
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 1900	32.30	H-40	STC	0.87****** 7780	1.54 6350	4.73 201000
PRODUCTION	4-1/2"	0 to 8700	11.60	I-80	LTC	2.98	1.40	2.28

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

2610 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele				
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to :	surface, op	tion 2 will b	oe utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
		+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,700'	Premium Lite II + 3% KCI + 0.25 pps	410	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender				
			100			
TAIL	5,000'	50/50 Poz/G + 10% salt + 2% gel	1400	60%	14.30	1.31
		+.1% R-3				

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.					
	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow					
	spring centralizers.					

ADDITIONAL INFORMATION

		installing. Test surface casing to 1,500 psi prior to	
	BOPE: 11" 3M with one annular	and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &
	tour sheet. Function test rams of	n each trip. Maintain safety valve & inside BOP on i	rig floor at all times. Kelly to be equipped with upper
	& lower kelly valves.		
	Drop Totco surveys every 2000'.	Maximum allowable hole angle is 5 degrees.	
LING	ENGINEER:		DATE:
		Brad Laney	
LING	SUPERINTENDENT:		DATE:

Randy Bayne DHD_NBU1022-20A_APD

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

NBU #1022-20A NE/NE Sec. 20,T10S,R22E UINTAH COUNTY, UTAH UTU-470

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU#1022-20A on 9/9/04, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 400' +/- of proposed access road. Refer to Topo Map B.

3. <u>Location of Existing Wells Within a 1-Mile Radius:</u>

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 400' of pipeline is proposed. Up to 8" pipeline shall be Butt Welded. Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 16 mil reserve pit liner with felt will be required.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for **drilled** seed are:

Scarlet Globe Mallow	3 lbs.
Shadscale	3 lbs.
Indian Rice Grass	3 lbs.
Needle & Thread Grass	3 lbs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Other Information:

A Class III archaeological survey has been completed and submitted to Bureau of Land Management.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

All lease and/or operations will conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The operator will control noxious weeds along Rights-of-Way for roads, pipeline, well sites, or other applicable facilities.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego Regulatory Analyst Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7024 Randy Bayne Drilling Manager Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

/s/ Sheila Upchego Mulai yelley Sheila Upchego

9/27/04

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1022-20A SECTION 20, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 400' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.4 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-20A

LOCATED IN UINTAH COUNTY, UTAH SECTION 20, T10S, R22E, S.L.B.&M.

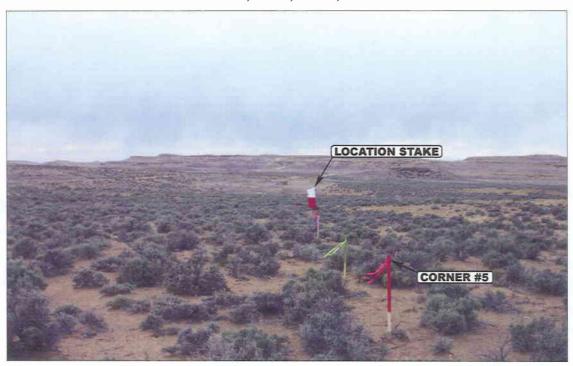


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



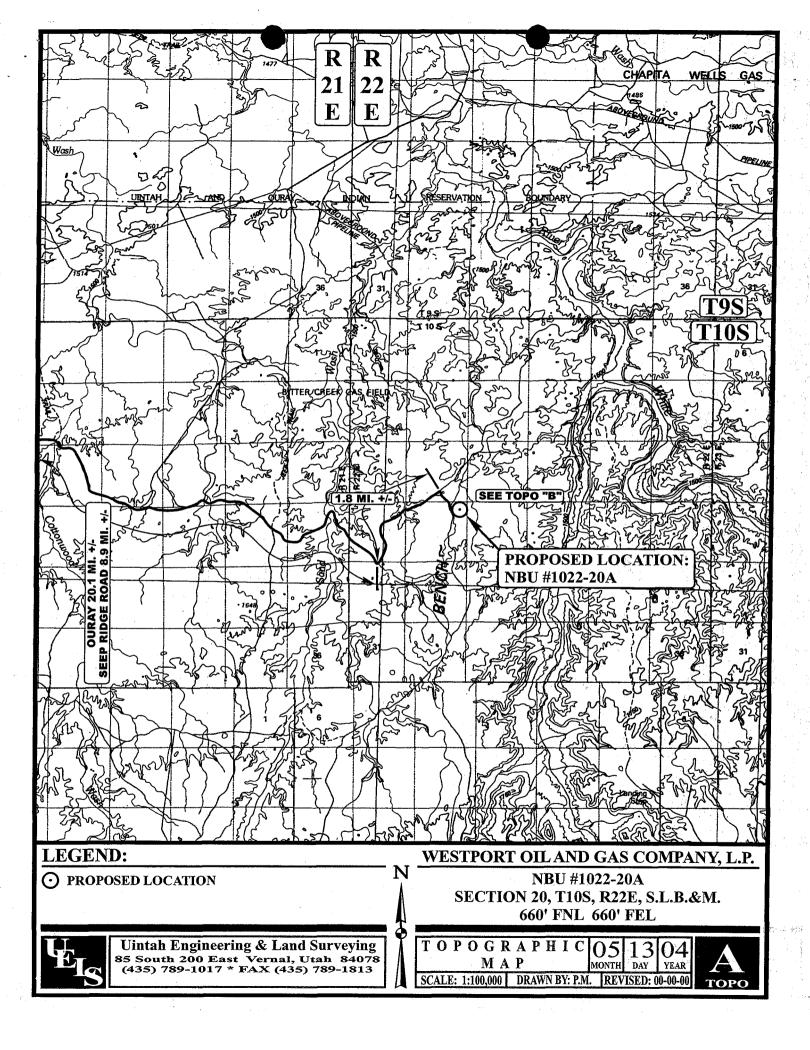
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

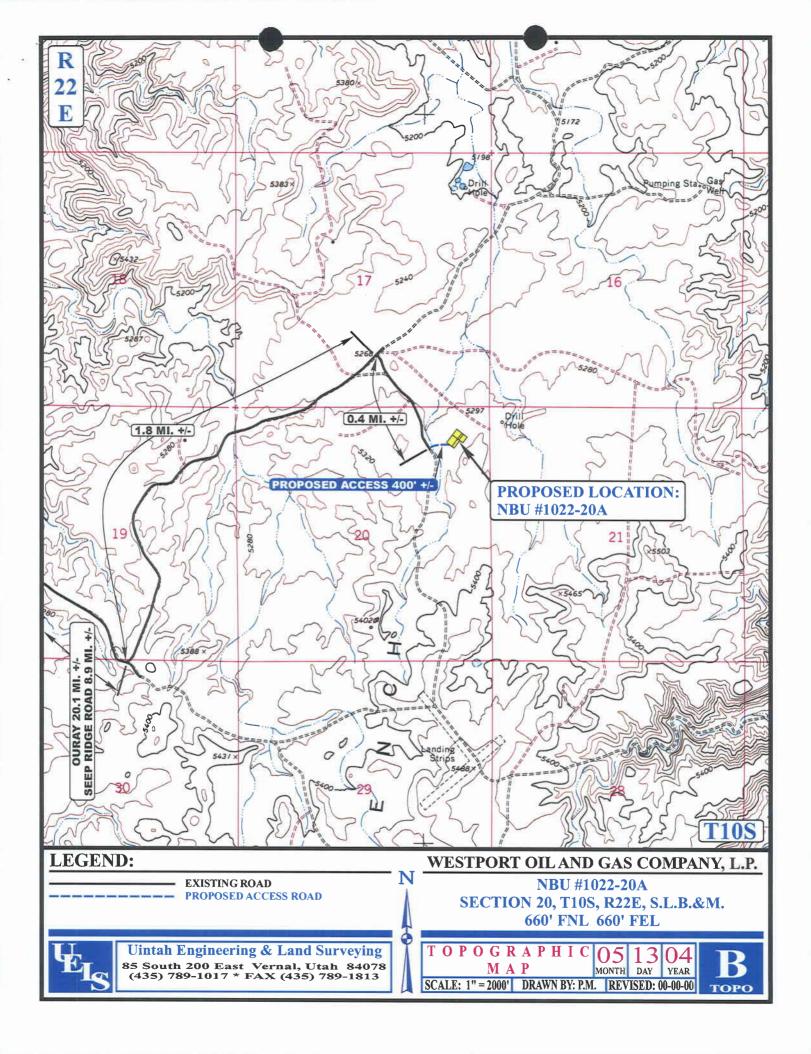
LOCATION PHOTOS

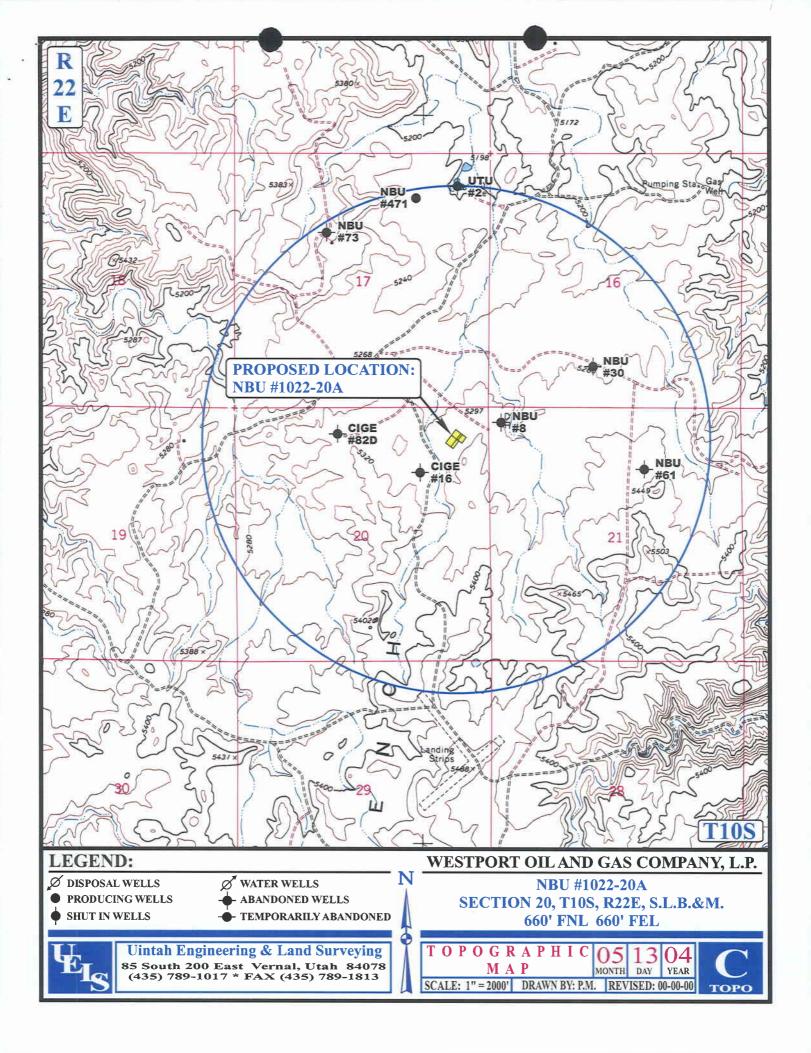
05 13 04
MONTH DAY YEAR

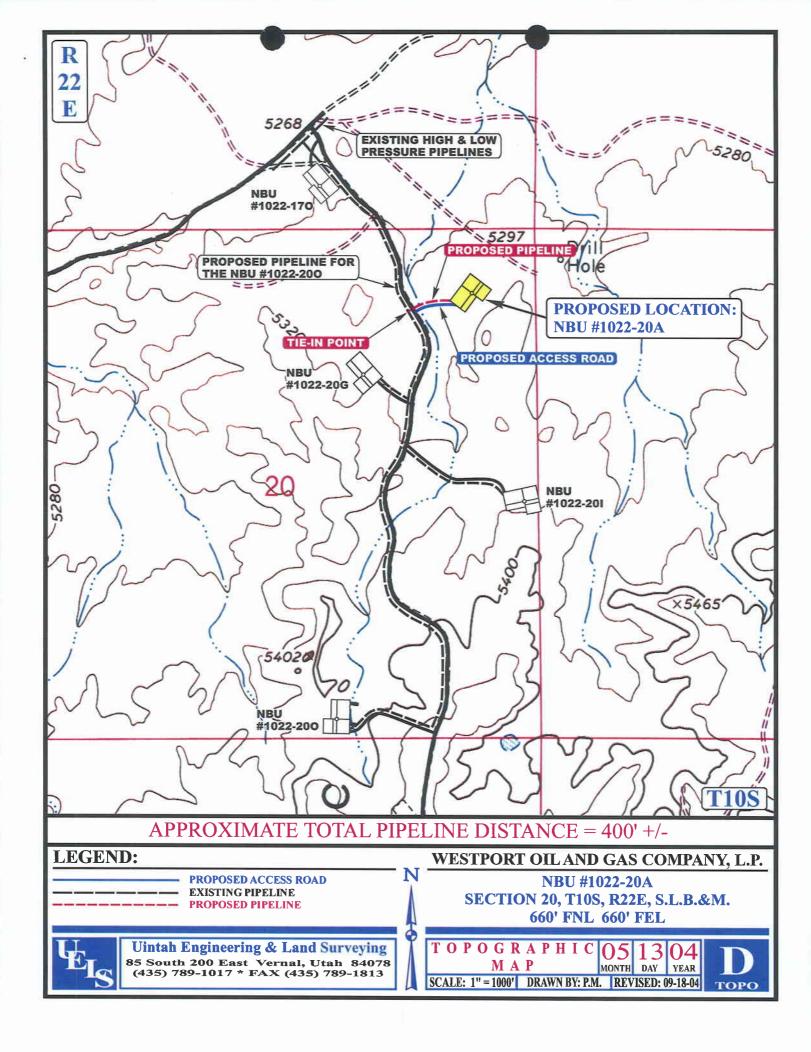
РНОТО

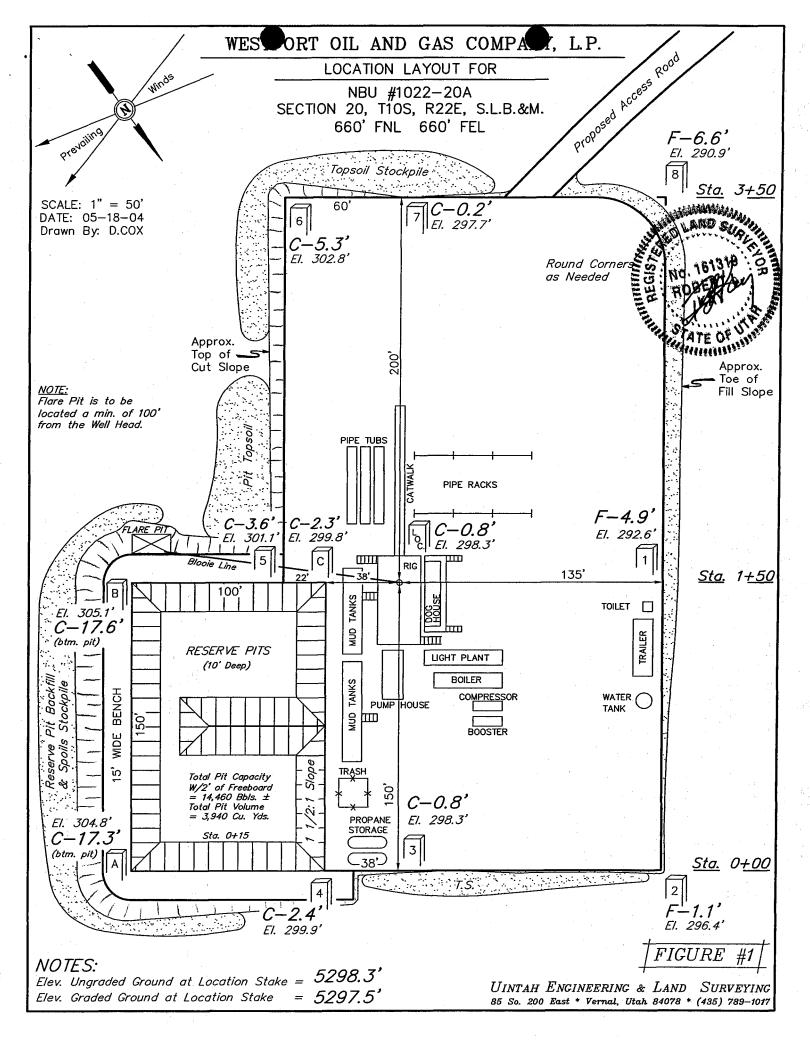
TAKEN BY: K.K. | DRAWN BY: P.M. | REVISED: 00-00-00

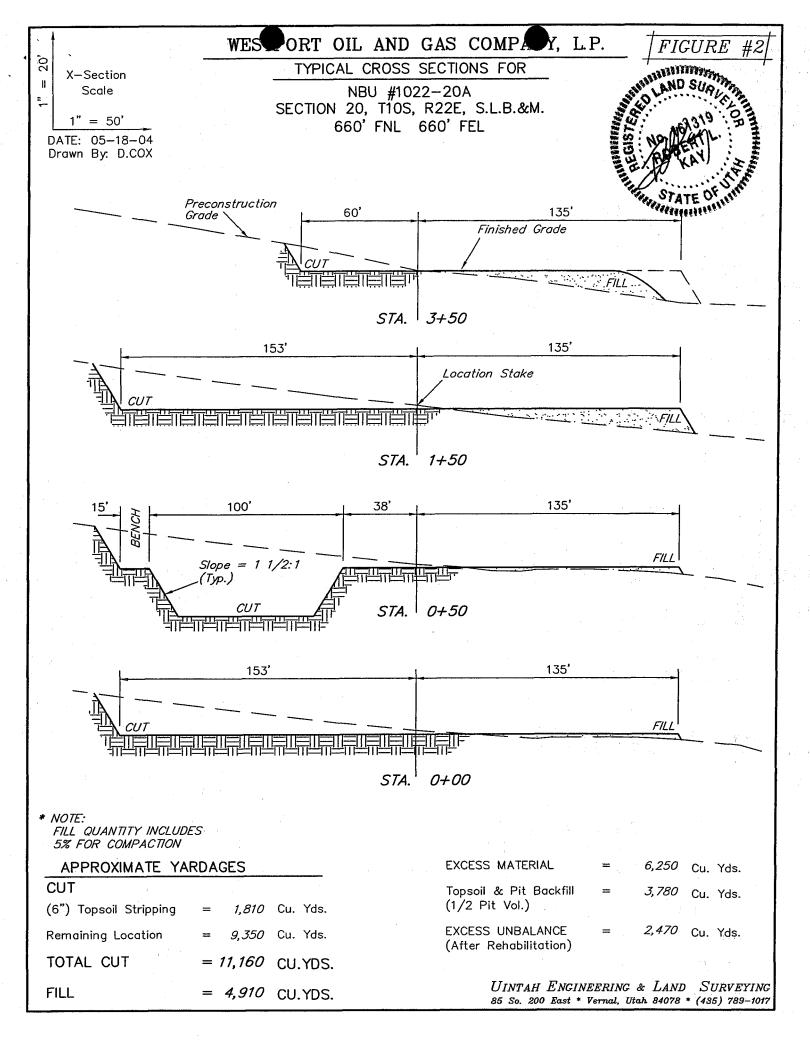




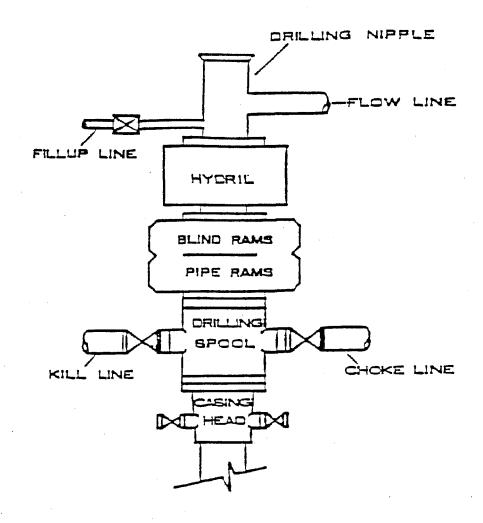


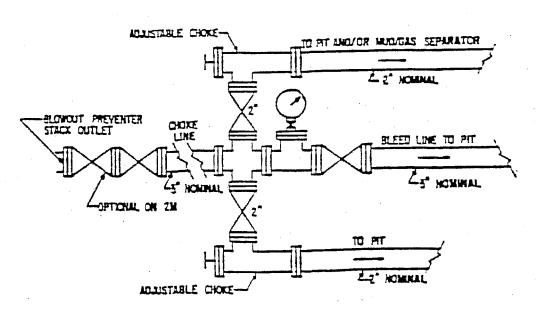






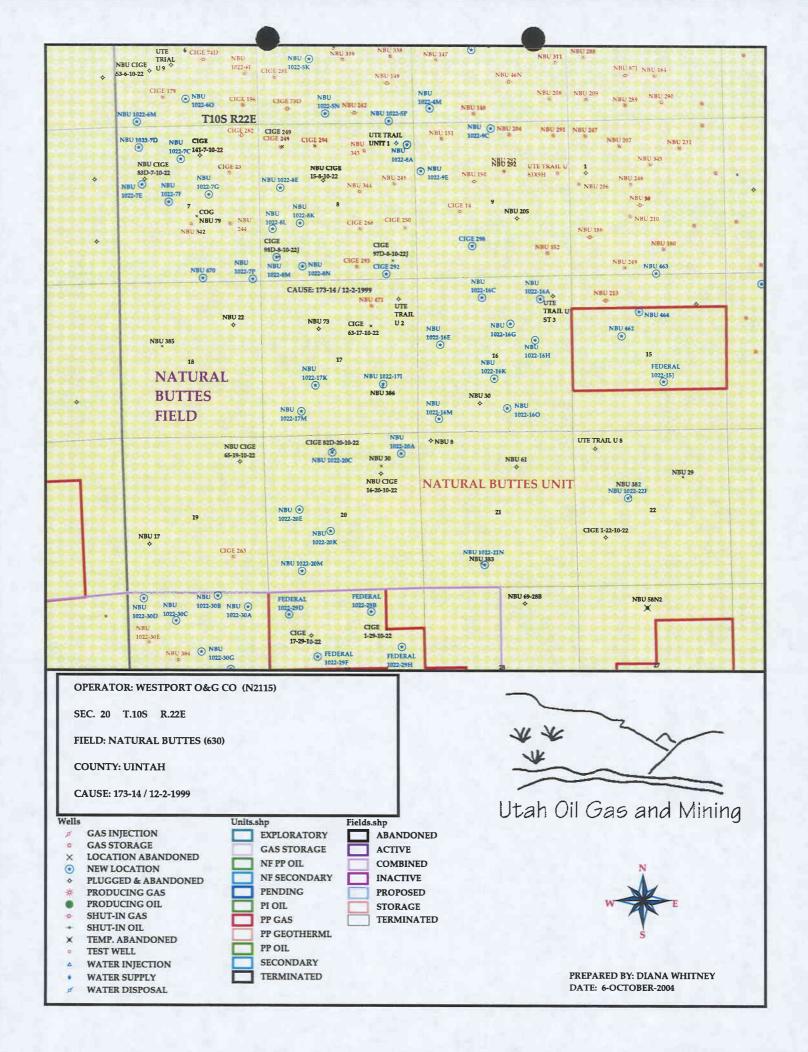
EOP STACK





WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/05/2004	API NO. ASSIGNED: 43-047-35987
WELL NAME: NBU 1022-20A OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: SHEILA UPCHEGO	PHONE NUMBER: 435-781-7024
PROPOSED LOCATION: NENE 20 100S 220E SURFACE: 0660 FNL 0660 FEL BOTTOM: 0660 FNL 0660 FEL UINTAH NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-470 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.93978 LONGITUDE: -109.4558
Plat Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) NAP Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit NATURAL BUTTES R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 173-14 Eff Date: 12-2-99 Siting: 460' fr ubdry E Union matro R649-3-11. Directional Drill
SOP Sex STIPULATIONS: 1 Federa C 7- OIL	approad Shu Es



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 12, 2004

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Mesaverde)

43-047-35981 NBU 921-14K Sec 14 T09S R21E 2094 FSL 2166 FWL 43-047-35982 NBU 921-14M Sec 14 T09S R21E 0798 FSL 1031 FWL 43-047-35983 NBU 1022-9C Sec 9 T10S R22E 0225 FNL 2603 FWL 43-047-35984 NBU 921-9O Sec 9 T09S R21E 0661 FSL 1979 FEL 43-047-35985 NBU 1022-17K Sec 17 T10S R22E 1730 FSL 1754 FWL 43-047-35986 NBU 1022-17M Sec 17 T10S R22E 0850 FSL 1277 FWL 43-047-35987 NBU 1022-20A Sec 20 T10S R22E 0660 FNL 0660 FEL 43-047-35990 NBU 922-18N Sec 18 T09S R22E 0408 FSL 1530 FWL 43-047-35991 NBU 1021-16M Sec 16 T10S R21E 0168 FSL 0530 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON Division Director OLENE S. WALKER Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

October 12, 2004

Westport Oil & Gas Company 1368 South 1200 East Vernal, UT 84078

Re:

Natural Buttes Unit 1022-20A Well, 660' FNL, 660' FEL, NE NE, Sec. 20,

T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35987.

Sincerely,

John R. Baza Associate Director

Don Stelen

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil &	Gas Company	
Well Name & Number	Jnit 1022-20A		
API Number:	43-047-35987		
Lease:	<u>UTU-470</u>		
Location: NE NE	Sec. 20	T. 10 South	R. 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (August 1999)

UNITED STATES DEDADTMENT OF THE INTEDIOD

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

BUREAU OF LAN	5. Lease Serial No. UTU-470	
006 APPLICATION FOR PERM	6. If Indian, Allottee or Tribe Name	
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No. NATURAL BUTTES
lb. Type of Well: ☐ Oil Well 🔀 Gas Well 🖂	Other Single Zone Multiple Zone	8. Lease Name and Well No. NBU 1022-20A
WESTPORT OIL & GAS COMPANY L.P	act: SHEILA UPCHEGO E-Mail: supchego@westportresourcescorp.com	9. API Well No. 43, 43, 43, 135987
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094	10. Field and Pool, or Exploratory NATURAL BUTTES
Location of Well (Report location clearly and in acc At surface NENE 660FNL 660FEL At proposed prod. zone	SEP 2 7 2004	11. Sec., T., R., M., or Blk. and Survey or Area Sec 20 T10S R22E Mer SLB
 Distance in miles and direction from nearest town or p 31.2 MILES SOUTHEAST OF OURAY, UTA 	oost office* H By	12. County or Parish 13. State UINTAH UT
15. Distance from proposed location to nearest property o lease line, ft. (Also to nearest drig. unit line, if any) 660'	r 16. No. of Acres in Lease 400.00	17. Spacing Unit dedicated to this well
18. Distance from proposed location to nearest well, drilli completed, applied for, on this lease, ft. REFER TO TOPO C	ng, 19. Proposed Depth 8700 MD	20. BLM/BIA Bond No. on file CO-1203
21. Elevations (Show whether DF, KB, RT, GL, etc. 5298 GL	22. Approximate date work will start	23. Estimated duration
	24. Attachments	
 The following, completed in accordance with the requirement. Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest SUPO shall be filed with the appropriate Forest Service) 	4. Bond to cover the operat Item 20 above). System Lands, the 5. Operator certification	o this form: ions unless covered by an existing bond on file (see information and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435,781,7024	Date 09/27/2004
Title REGULATORY ANALYST	7	
Approved by (Signature) Title Assistant Field Manager	Name (Printed/Typed) Office	04/29/2a
Mineral Resources		

Application approval does not warrant or certify the appli operations thereon. Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NOTICE OF APPROVAL

Additional Operator Remarks (see next page)

RECEING Submission #36718 verified by the BLM Well Information System
For WESTPORT OIL & GAS COMPANY L.P, sent to the Vernal
MAY 0 4Complitted to AFMSS for processing by LESLIE WALKER on 09/28/2004 ()

DIV. OF OIL, GAS & MINING



Page 1 of 3

Well No.: Bonanza 1022-20A

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: W	estport Oil & Gas Company LP.
Well Name & Number: N	BU 1022-20A
Lease Number: U-	470
API Number: 43	-047-35987
Location: <u>NENE</u> Sec.	<u>20</u> T. <u>10S</u> R. <u>22E</u>
Agreement: Na	tural Buttes WS MV

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>.

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

2. Pressure Control Equipment

The variances requested in section 9 of the NBU Field SOP are granted with the following conditions:

Well No.: Bonanza 1022-20A

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend at least 200' above the surface casing shoe.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Cement Bond Logs will be required from TD to the top of cement.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

6. Notifications of Operations

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

7. Other Information

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood

(435) 828-7874

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

Page 3 of 3

Well No.: Bonanza 1022-20A

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- The seed mix for this location shall be:

Globemallow	Sphaeralcea coccinea	3 lbs./acre
Needle and threadgrass	Hesperostipa comata	3 lbs./acre
Shadscale	Atriplex canescens	3 lbs./acre
Indian Ricegrass	Achnatherum hymenoides	3 lbs./acre

- All pounds are in pure live seed.
- Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

D STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM A	PROVED
OMB No.	1004-0135
Expires Jnove	mber 30, 200

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

UTU-470

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

,			

SUBMIT IN TRIPL	ICATE – Other instru	ictions on revers	e side	7. If Unit or CA	/Agreement, Name and/or No.	
1. Type of Well				NATURAL B	UTTES UNIT	
Oil Well X Gas Well	Other			8. Well Name a	nd No.	
2. Name of Operator				NBU 1022	-20A	
WESTPORT OIL & GAS CO)MPANY L.P.			9. API Well No	,	
3a. Address		3b. Phone No. (include	de area code)	43-047-3598	7	
1368 SOUTH 1200 EAST V	(435) 781-7024		10. Field and Poo	ol, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				NATURAL BUTTES		
					11. County or Parish, State	
NENE SECTION 20-T10S-F	R22E 660'FNL & 660'F	EL		UINTAH COI	UNTY, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, R	REPORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION	1		
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamation Recomplet	<u> </u>	Water Shut-Off Well Integrity Other DOGM APD	
	Change Plans	Plug and Abandon	Temporari	ly Abandon	EXTENSION	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	oosal		
13. Describe Proposed or Completed Oper If the proposal is to deepen directions Attach the Bond under which the wo	ally or recomplete horizontally, gi	ive subsurface locations and	d measured and tru	e vertical depths of	all pertinent markers and zones.	

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATION MAY BE COMPLETED.

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Approved by the Utah Division of Oil, Gas and Minir Date:	ng PEO	OPPLEANT TO OPERATOR Outo: 9-39-95 Initials: 440	
14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed)	Atle		
Sheila Lipchego	Regulatory Analys	t	
Signature Mill Muller	Date September 22, 20	05	
THIS SPACE FO	R FEDERAL OR STA	TE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001, make it a crime for any person knowing	gly and willfully to mal	ce to any department or agence	ev of the United States any

(Instructions on reverse)

determined that the site is ready for final inspection.

SEP 2 6 2005

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-35987 Well Name: NBU 1022-20A Location: NENE SECTION 20-T10S-R22E Company Permit Issued to: WESTPORT OIL Date Original Permit Issued: 10/12/2004	& GAS CO., L.P.
The undersigned as owner with legal rights to above, hereby verifies that the information as s approved application to drill, remains valid and	ubmitted in the previously
Following is a checklist of some items related to verified.	o the application, which should be
If located on private land, has the ownership chagreement been updated? Yes ☐ No ☑	nanged, if so, has the surface
Have any wells been drilled in the vicinity of the the spacing or siting requirements for this locat	
Has there been any unit or other agreements p permitting or operation of this proposed well? Y	
Have there been any changes to the access ro of-way, which could affect the proposed locatio	
Has the approved source of water for drilling ch	nanged? Yes□No☑
Have there been any physical changes to the s which will require a change in plans from what evaluation? Yes□No☑	
Is bonding still in place, which covers this propo	osed well? Yes⊠No□
Maila Unchem)	9/22/2005
Signature	Date
Title: REGULATORY ANALYST	
Representing: WESTPORT OIL & GAS COMPANY	/ L.P.

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

SUNDRY N	1 '	010-470				
Do not use this t abandoned well. U		6. If Indian, Allottee or Tribe Name				
SUBMIT IN TRIPLI	CATE – Other instruc	ctions on reverse side	and the second s	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well				NATURAL BUTTES		
		8. Well Name and No.				
Oil Well X Gas Well Other 2. Name of Operator				NBU 1022-20A		
WESTPORT OIL & GAS CO	ΜΡΔΝΥΙ Ρ			9. API Well No.		
3a. Address	3b. Phone No. (include area	code)	4304735987			
	FRNAL UT 84078	(435) 781-7003	Ī	10. Field and Pool, or Exploratory Area		
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7003 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				NATURAL BUTTES		
NENE, SEC 20-T9S-R22E		·		11. County or Parish, State		
660' FNL, 660' FEL				UINTAH COUNTY, UTAH		
12. CHECK APPE	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF NO	OTICE, RE	EPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF	ACTION			
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Fracture Treat New Construction Plug and Abandon	Production (Reclamation Recomplete Temporarily Water Dispo	Other BLM APD EXTENSION		
Final Abandonment Notice	Convert to Injection	Plug Back	water Dispe	Level and approximate duration thereof		

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT APPROVED ON APRIL 29, 2005.

CONDITIONS	OF	APPI	30V	1	AT	TACHE
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ADD 0 c 2000

JOHDING C	ALK 0.0 500P
	Accepted by the Utah Division of DIV. OF OIL, GAS & MININ
Ramey Hoopes ///	Utah Division of DIV: OF OIL, GAS & MININ Title Oil, Gas and Mining Regulatory Checord ONLY Date FOR HECORD ONLY March 21, 2006
	R FEDERAL OR STATE USE
Approved by Michael Lee	Petroleum Engineer Pate 3-30-2-06
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject leads to which would entitle the applicant to conduct operations thereon.	nt or Office lease

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



CONDITIONS OF APPROVAL

Westport Oil & Gas Company LP

Notice of Intent APD Extension

Lease:

U-0470

Well:

NBU 1022 - 20A

(43-047-35987)

Location:

NENE Sec. 20, T09S, R22E

An extension for the referenced APD is granted with the following condition(s):

- 1. The extension and APD will expire on 4/29/2007
- 2. No other extensions beyond that period will be granted or allowed.

If you have any other questions concerning this matter, please contact Michael Lee of this office at (435) 781-4432.

2006-03-30

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: (New O	erator):			
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East	1368 S	outh 1200	East		
Vernal, UT 84078	Vernal	, UT 84078	3		
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
l 9,		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5	
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5	
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81	
4b. If NO , the operator was contacted contacted on:	_			_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w			n/a		
	ivision has appro		-	isfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	<u>-</u>	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on:	5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006	-			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only	
BOND VERIFICATION:					
Federal well(s) covered by Bond Number:	CO1203				
2. Indian well(s) covered by Bond Number:	RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36	
a. The FORMER operator has requested a release of liability from the	•	n/a	rider adde		
The Division sent response by letter on:			_		
LEASE INTEREST OWNER NOTIFICATION:		-			
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

_ 			/A 1 A		5. Lease Serial No.	
	NOTICES AND REPORTS				MULTIPLE LEASES	
Do not use this abandoned well.	form for proposals to Use Form 3160-3 (APD)	drill for s	or reenter as uch proposals	7 i.	6. If Indian, Allottee or Tr	ibe Name
SUBMIT IN TRIPL	ICATE – Other instruc	tion	s on reverse	side	7. If Unit or CA/Agreemen	nt, Name and/or No.
I. Type of Well						
Oil Well X Gas Well	Other	8. Well Name and No.				
2. Name of Operator					MUTIPLE WELL	S
KERR-McGEE OIL & GAS C					9. API Well No.	
3a. Address 3b. Phone No. (include area code)				L		
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					10. Field and Pool, or Explo	oratory Area
4. Location of Well (Fundinge, Sec.,	1., K., M., or Survey Description)].	11 0	
SEE ATTACHED					11. County or Parish, State	
					UINTAH COUNTY, L	JTAH
	ROPRIATE BOX(ES) TO IN	DICA	ATE NATURE C	OF NOTICE, RE	EPORT, OR OTHER DAT	ГА
TYPE OF SUBMISSION			TYP	E OF ACTION		
Notice of Intent	Acidize [D	еереп	Production (Start/Resume) Water 5	Shut-Off
Subsequent Report	Alter Casing	=	acture Treat	Reclamation		* ·
Subsequent Report	Casing Repair Change Plans	=	ew Construction ug and Abandon	Recomplete		CHANGE OF
Final Abandonment Notice	Convert to Injection		ug and Abandon ug Back	∏ Temporarily Water Dispose		ATOR
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin-	operations. If the operation results bandonment Notices shall be filed	ınan	multiple completion :	or recompletion in	a new interval a Form 2160 4	aball ba Cl_ 4
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS C	CHED WELL LOCATION	18. 1	EFFECTIVE J	ANUARY 6, 2	2006.	RECEIVED
OF THE LEASE(S) FOR THE	E OPERATIONS COND	UCT	ED UPON I F	ASE LANDS	ROND COVERAGE	MAY 1 0 2006
IS PROVIDED BY STATE O	F UTAH NATIONWIDE I	BON	ID NO. RLB00	05237.	ם באינוסט פרוספ. ת	IV OF OIL GAS & MINING
	ONO = C0/203		AP.	PROVEL	51/6/06	IV. OF OIL, GAS & MININO
BIA B	OND = RLB 000	50	239 (arlene,	Russell	
14. I hereby certify that the foregoing	g is true and correct		Divis	lon of Oll, C	as and Mining	
Name (Printed/Typed)		Tit			ingineering Technicia	u .
RANDY BAYNE		 	RILLING MANA	AGER		
Kanky Sayne		Da Ma	y 9, 2006			
	THIS SPACE F	OR F	EDERAL OR ST	ATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	table title to those rights in the subject	rant or t lease	Office	248.4		

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe	Varne
SUBMIT IN TRIPL	ICATE – Other instru	ctions on rev	erse side	7. If Unit or CA/Agreement, N	ame and/or No.
I. Type of Well					
Oil Well X Gas Well	Other .			8. Well Name and No.	
2. Name of Operator				MUTIPLE WELLS	
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.	
3a. Address		3b. Phone No.	include area code)		
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			
055 47740450				11. County or Parish, State	
SEE ATTACHED	UINTAH COUNTY, UTA	н			
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume) Water Shut-	Off
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·	
X Subsequent Report	Casing Repair Change Plans	New Construction Plug and Aba		plete 👿 Other CHA	•
Final Abandonment Notice	rarily Abandon OPERATO	R			
13. Describe Proposed or Completed Oper	Convert to Injection	Plug Back		Disposal	
ronowing completion of the involved	perations. If the operation result bandonment Notices shall be filed at inspection. DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1
	APPR	OVED 3	5/6/06	RECEIV	√ED
	$\mathcal{L}a$	rlove Ri	issell		
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006
	Eariene F	cussell, Engine	ering Technic	lan DIV OF OU OAS	0. ******
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING
Name (Printed/Typed)		Title			
BRAD LANEY Signature			ING SPECIAL	IST	
orginature .		Date May 9, 2006	3		
	THIS SPACE	FOR FEDERAL			
Approved by		Title		Date	
Olack January				5-9-06	
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

UNITED STATES DEPARTMENT OF THE INTERIOR RECEIVE **BUREAU OF LAND MANAGEMENT**

5. Lease Serial No.

INDRY NOTICES AND REPORTS ON WELLS AUG 2 4 20

SUNDRY NOTICES AND REPORTS ON WELLS 400 2 4 2000					
	form for proposals to Use Form 3160-3 (APD)			6. If Indian, A	llottee or Tribe Name
	ICATE – Other instru	ctions on reverse	e side	7. If Unit or Can	A/Agreement, Name and/or No.
1. Type of Well Oil Well Gas Well 2. Name of Operator	Other			8. Well Name NBU 1022-2	
KERR McGEE OIL AND GA	S ONSHODE I D			9. API Well No	
3a. Address	3 ONSTIONE EF	3b. Phone No. (includ	le area code)	4304735987	
1368 SOUTH 1200 EAST V	ERNAL. UT 84078	435-781-7003			ool, or Exploratory Area
4. Location of Well (Footage, Sec.,		on)		NATURAL E	BUTTES
NENE, SEC 20-T9S-R22E				11. County or Pa	arish, State
660' FNL, 660' FEL				UINTAH CO	OUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE, RI	EPORT, OR OT	THER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production ((Start/Resume)	Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily		Other APD EXTENSION BLM
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo	osal	
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for final	Ily or recomplete horizontally, girk will be performed or provide to operations. If the operation results and onment Notices shall be filed at inspection.	ve subsurface locations and he Bond No. on file with I ts in a multiple completion d only after all requirement	measured and true BLM/BIA. Require or recompletion in ts, including reclan	vertical depths of ed subsequent report a new interval, a nation, have been	all pertinent markers and zones. orts shall be filed within 30 days Form 3160-4 shall be filed once completed, and the operator has
THE OPERATOR REQUEST					
LOCATION SO THAT THE DIVISION OF THE DIVISION				ORIGINAL ,	APD WAS

Extension Crapted To 4/29/07 on 4/29/06
APD SHALL EXPIRE ON 4/29/07

14. I hereby certify that the foregoing is true and correct				
Name (Printed/Typed)	itle			
RAMEY HOOPES	REGULATORY CLERK			
Signature 100001	August 21, 2006			
/ THIS SPACE FOR	FEDERAL OR STATE USE			
Approved by	Title Date SEP 1 9 2006			
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.				

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SEP 2 8 2006



UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

	form for proposals to Use Form 3160-3 (APD)					6. If Indian, A	Miottee of Tribe Name
	CATE – Other instru		<u> </u>		e	7. If Unit or C	CA/Agreement, Name and/or No.
1. Type of Well Oil Well X Gas Well	Other					8. Well Name	
2. Name of Operator						NBU 1022-	
KERR McGEE OIL AND GA	S ONSHORE LP					9. API Well N	lo.
3a. Address		3b. Pho	one No. (includ	le area	code)	430473598	7
1368 SOUTH 1200 EAST VE	ERNAL, UT 84078	435-78	1-7003			10. Field and P	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7		n)				NATURAL	BUTTES
NENE, SEC 20-T#S-R22E						11. County or	Parish, State
660' FNL, 660' FEL						UINTAH C	OUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICAT	E NATURE	OF NO	OTICE, RI	EPORT, OR C	THER DATA
TYPE OF SUBMISSION			TYF	PE OF	ACTION		
Notice of Intent	Acidize Alter Casing	Deep	en ture Treat	_	Production Reclamation	(Start/Resume) n	Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair		Construction	=	Recomplete		Other APD EXTENSION
	Change Plans	=	and Abandon		Temporarily		DOGM
Final Abandonment Notice	Convert to Injection	Plug	Back	Ų,	Water Disp	osal	
Attach the Bond under which the wo following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin THE OPERATOR REQUES LOCATION SO THAT THE APPROVED BY THE DIVISIONAL CONTRACTOR SO THAT THE DIVISIONAL CONTRACTOR SO THE DIVISIONAL CONTRACTOR SO THAT THE DIVISIONAL CONTRACTOR SO T	operations. If the operation results bandonment Notices shall be file all inspection. TS AUTHORIZATION DRILLING OPERATION ON OF OIL, GAS AND	FOR A NS MA NS MA NS MA NS MA NO MININ NAPPRO Utah [Itiple completion all requirements ONE YEAF BE COMI	n or rec nts, inc R EXT PLET TOBE 10	completion i luding recla FENSIOI FED. THE	in a new interval, mation, have bee N FOR THE E ORIGINAI	a Form 3160-4 shall be filed once on completed, and the operator has
	O	ıı, Gas	and winn	ing		•	
	Date:	E.	-02-0 DU			COPI Doles Initial	# 1130g
14. I hereby certify that the foregoing	g is true and correct		$-\alpha$				
Name (Printed/Typed) RAMEY	HOOPES	Title)	REGUI	LATORY CL	ERK
Signature Ramus	Horper	Date	;		Octo	ober 20, 200	06
	THIS SPAC	E FOR FI	DERAL OR	STATI	E USE		
Approved by		W.	Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct	nitable title to those rights in the su ct operations thereon.	bject lease	Office	<u>.</u>			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statement	e it a crime for any person kn ents or representations as to an	owingly a y matter v	nd willfully to vithin its jurisd	make liction.	to any dep	partment or age	acy of the United States any

(Instructions on reverse)

RECEIVED

NOV 0 1 2006

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304735987 Well Name: NBU 1022-20A
Location: NENE SEC 20- T10S-R22E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 9444405
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
Signature Date
Title: REGULAROTY CLERK
Representing: Kerr McGee Oil and Gas Onshore LP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

well 1 API Nun 4304735 Action C	1368 S city VE state U nber 5987	T .	ISHORE LP zip 84078 Name New Entity Number 3900	QQ			Rng	2995 35) 781-7024 County
Well 1 API Num 4304735 Action C	state U	RNAL Well NBU1022-20A Current Entity Number 99999	Name New Entity Number	NENE	Sec	Twp	Rng	
Well 1 API Nun 4304735 Action C	nber 5987 Code	Well NBU1022-20A Current Entity Number 99999	Name New Entity Number	NENE	Sec	Twp	Rng	
API Nun 4304735 Action C	nber 5987 Code	NBU1022-20A Current Entity Number 99999 PETE MARTIN BUCK	Name New Entity Number	NENE	Sec	Twp	Rng	
API Nun 4304735 Action C	5987 Code	NBU1022-20A Current Entity Number 99999 PETE MARTIN BUCK	New Entity Number	NENE	_			County
API Nun 4304735 Action C	5987 Code	NBU1022-20A Current Entity Number 99999 PETE MARTIN BUCK	New Entity Number	NENE	_			County
Action 0	ode MIRU	Current Entity Number 99999	Number		20	400		
В	" MIRU	Number 99999	Number	S		105	22E UINTAH	
	MIRU	PETE MARTIN BUCK	2900	Spud Date		Entity Assignment Effective Date		
Comments	MIRU	PETE MARTIN BUCK WELL LOCATION ON		5/31/2007		6/14/07		
Vell 2	-br	T 142-11	N	1 60	800	Them	Boo T	Countr
API Nun	nper	Well	Name	QQ	Sec_	Twp	Rng	County
Action C	ode	Current Entity Number	New Entity Number	S	pud Dai	:		y Assignmen fective Date
Vell 3							1	
API Nun	nber	Well I	Name	QQ	Sec	Twp	Rng	County
Action C	ode	Current Entity Number	New Entity Number	s	pud Dat	*		y Assignmen fective Date
Comments	; :						<u> </u>	
	ish new e	entity for new well (single v			EILA UP	CHEGO	7	1600
A - Establ			another existing entity	Sign	////		<u>YH</u>	NA
A - Establi B - Add no C - Re-ass D - Re-ass	sign well sign well	from one existing entity to in 'comments' section)				ND SPE	CIALIST	6/1/2007
B - Add no C - Re-ass D - Re-ass E - Other (sign well sign well	from one existing entity to in 'comments' section). EXE PUSSE II Fine Comments' comments' section comments' section comments' section comments' section comments' section comments section comme	Siele Lyche	go fitto		ND SPE		Date EIVED

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

UTU-470

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

apalluolleu well.	03610111101000 (711 2)	10. 000		1	
			. ! - ! -	7. If Unit or CA	A/Agreement, Name and/or No.
SUBMIT IN TRIPLI	CATE – Other instru	uctions on reverse	sıae 	UNIT #8910	08900A BUTTES UNIT
1. Type of Well Oil Well Gas Well	Other			8. Well Name :	and No.
2. Name of Operator				9. API Well N	
KERR-McGEE OIL & GAS ONS	SHORE LP	3b. Phone No. (include ar	ea code)	4304735987	
3a. Address 1368 SOUTH 1200 EAST VEF		3b. Phone No. (include ar (435) 781-7024			ool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R				11. County or P	
12 CHECK A	PPROPRIATE BOX(ES) TO	O INDICATE NATURE OF	F NOTICE, RI	EPORT, OR OTH	IER DATA
TYPE OF SUBMISSION			E OF ACTIO		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamati		☐ Water Shut-Off ☐ Well Integrity ☑ Other WELL SPUD
Subsequent Report Final Abandonment Notice	Casing Repair Change Plans Convert to Injection	New Construction Plug and Abandon Plug Back	Recomple Temporar Water Dis	ily Abandon	Oner
Final Abandonnient Notice	Converse injustion			f monogad wor	k and approximate duration thereof.

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 05/31/2007 AT 1600 HRS.

RECEIVED

JUN 0 5 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct					
Name (Printed/Typed)	Title SENIOR LAND ADMIN SPECIALIST				
SHELL UPCHEGO Date					
THIS SPACE FOR F	EDERAL OR STATE USE				
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease	Office				
which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowingly a	nd willfully to make to any departme	ent or agency of the United States any			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department of agency of the office states any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

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IU٦	113	-4	/ 1	
10			•	J

If Indian, Allottee or Tribe Name

					7. If Unit or CA/	Agreement, Name and/or No.
SUBMIT IN TRIPLI	ICATE – Other instruc	ctions o	on reverse	e side	UNIT #89100	08900A
The CAN II					NATURAL BI	
1. Type of Well Oil Well Gas Well	Other				8. Well Name an	nd No.
2. Name of Operator	other				NBU 1022-	-20A
KERR-McGEE OIL & GAS ON	SHORE LP				9. API Well No.	
3a. Address		3b. Phor	e No. (include	area code)	4304735987	
1368 SOUTH 1200 EAST VER	RNAL, UT 84078	(435) 78	31-7024			l, or Exploratory Area
4. Location of Well (Footage, Sec., T., F	R., M., or Survey Description)				NATURAL BI	
					11. County or Par	rish, State
NE/NE SEC. 20, T10S, R22E	660'FNL, 660'FEL				UINTAH COL	JNTY, UTAH
12. CHECK A	APPROPRIATE BOX(ES) TO	INDICAT	E NATURE (OF NOTICE, REP	ORT, OR OTHE	ER DATA
TYPE OF SUBMISSION			TY	PE OF ACTION		
Notice of Intent	Acidize	Deepe	en	Production (Start/Resume)	Water Shut-Off
	Alter Casing	=	ire Treat	Reclamation	1	Well Integrity Other SET SURFACE
X Subsequent Report	Casing Repair		Construction	Recomplete Temporarily	Abandon	Other CSG
D r: 141 1	Change Plans Convert to Injection	Plug Plug	and Abandon Back	Water Dispo		
Final Abandonment Notice 13. Describe Proposed or Completed Ope				_		and approximate duration thereof
MIRU BILL MARTIN AIR RIG (H-40 SURFACE CSG. LEAD	CMT W/200 SX PREM C	LASS G	@15.8 PP	G 1.15 YIELD.	TOP OUT W	//00 SX
PREM CLASS G @15.8 PPG	1.15 YIELD. DOWN BAC	KSIDE	300D CIVI	I IO SURFAC	E HOLE STA	``````````````````````````````````````
FULL.						• • •
WORT.						
						process, see a maino
14. I hereby certify that the foregoing is	true and correct					
Name (Printed/Typed)		Title		ADMIN SPEC	TALIST	
SHEILA UPCHEGO	-81 -5		IOR LAND	ADMIN SPEC	IALIO I	
Wille Miles			12, 2007			
	THIS SPACE	CE FOR FI	EDERAL OR	STATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	uitable title to those rights in the su	ibject lease				Col. M. v. 1 Co. A.
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statem	e it a crime for any person kn	owingly a ny matter v	nd willfully t vithin its juris	o make to any de	partment or agen	ncy of the United States any

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an

UTU-470

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side 1. Type of Well Oil Well X Gas Well Other 2. Name of Operator KERR-McGEE OIL & GAS ONSHORE LP 3a. Address 3b. Phone No. (include area code)	7. If Unit or CA/Agreement, Name and/or No. JNIT #891008900A NATURAL BUTTES UNIT 8. Well Name and No. NBU 1022-20A 9. API Well No.
Oil Well X Gas Well Other 2. Name of Operator KERR-McGEE OIL & GAS ONSHORE LP 3a. Address 3b. Phone No. (include area code)	8. Well Name and No. NBU 1022-20A 9. API Well No.
2. Name of Operator KERR-McGEE OIL & GAS ONSHORE LP 3a. Address 3b. Phone No. (include area code)	NBU 1022-20A 9. API Well No.
KERR-McGEE OIL & GAS ONSHORE LP 3a. Address 3b. Phone No. (include area code)	9. API Well No.
3a. Address 3b. Phone No. (include area code)	
Sa. Address	
	1304735987
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024	0. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	NATURAL BUTTES
Ī	1. County or Parish, State
NE/NE SEC. 20, T10S, R22E 660'FNL, 660'FEL	JINTAH COUNTY, UTAH
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
□ Notice of Intent □ Acidize □ Deepen □ Production (St □ Alter Casing □ Fracture Treat □ Reclamation	Well Integrity
Subsequent Report Casing Repair New Construction Recomplete Change Plans Plug and Abandon Temporarily A	Other PRODUCTION START-UP
Final Abandonment Notice Convert to Injection Plug Back Water Disposa	al

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 1970' TO 8625' ON 07/16/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/320 SX PREM CLASS G @11.2 PPG 3.13 YIELD. TAILED CMT W/1200 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACE W/133 BBLS CLAYFIX FINAL CIRC PSI 2400 BUMP PLUG FLOATS HELD SET CSG SLIPS 85K NIPPLE DOWN MAKE ROUGH CUT CLEAN PITS.

RELEASED PIONEER RIG 38 ON 07/16/2007 AT 20:00 HOURS.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) SHEHA UPCHEGO	Title SENIOR LAND ADMI	N SPECIALIST	
Market Market Market	Date July 17, 2007	ICE	
Approved by	IS SPACE FOR FEDERAL OR STATE Title	Date	
Conditions of approval, if any, are attached. Approval of this notice certify that the applicant holds legal or equitable title to those rights which would entitle the applicant to conduct operations thereon.	does not warrant or in the subject lease	face to the	EWED

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.UTU-4706. If Indian, Allottee or Tribe Name

		,			
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A				
1. Type of Well					BUTTES UNIT
Oil Well X Gas Well	Other			8. Well Name	
2. Name of Operator				NBU 102	2-20A
KERR-McGEE OIL & GAS ON	ISHORE LP			9. API Well N	lo.
3a. Address		3b. Phone No. (include	area code)	430473598	7
1368 SOUTH 1200 EAST VE	RNAL, UT 84078	(435) 781-7024		10. Field and P	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)			NATURAL	BUTTES
NE/NE SEC. 20, T10S, R22E	660'FNL, 660'FEL			11. County or 1	Parish, State OUNTY, UTAH
12. CHECK A	APPROPRIATE BOX(ES) T	O INDICATE NATURE O	OF NOTICE, R	EPORT, OR OTH	HER DATA
TYPE OF SUBMISSION		TY	PE OF ACTIO	N	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Productio	on (Start/Resume)	Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomple Temporar	ete rily Abandon	Other PRODUCTION START-UP
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dis	sposal	
13. Describe Proposed or Completed Ope If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involved	ally or recomplete horizontally, ork will be performed or provid	give subsurface locations an le the Bond No. on file with	d measured and BLM/BIA. Rea	true vertical depths quired subsequent r	of all pertinent markers and zones. reports shall be filed within 30 days

testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/19/2007 AT 9:48 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED
SEP 0 4 2007

		DIV. OF OIL, Grid
14. I hereby certify that the foregoing is true and correct	- 4 - 4 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Name (Printed/Typed) SHEILA UPCHEGO	Title SENIOR LAND AD	MIN SPECIALIST
MININ MININ	Date August 20, 2007	
THIS SPACE F	OR FEDERAL OR STA	TE USE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warr certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	lease	
Title 18 U.S.C. Section 1001, make it a crime for any person knowing false, fictitious or fraudulent statements or representations as to any m	ngly and willfully to ma atter within its jurisdicti	ake to any department or agency of the United States any on.



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-20A

NENE, SEC. 20, T10S, R22E UINTAH COUNTY, UT

DATE	ACTIVITY		STATUS
05/03/07	LOCATION STARTED	PIONEER 38	
05/30/07	LOCATION COMPLETE	PIONEER 38	P/L IN, WOBR
05/31/07	SET CONDUCTOR	PIONEER 38	WOAR
06/09/07	SET AIR RIG 9 5/8" @2393	B' PIONEER 38	WORT
07/09/07	TD: 3523' Csg. 9 5/8"@ 1834 Move rig & rig up. Test BOP. PU B	1' MW: 9.3 ⊣A. Spud 7/8/2007 @ 06:30.	SD: 7/08/07 DSS: 1 Drill 1970'-3523' DA @ report.
07/10/07	TD: 5140' Csg. 9 5/8"@ 1834 Drill from 3523'-5140'. DA @ repor		SD: 7/08/07 DSS: 2
07/11/07	TD: 6128' Csg. 9 5/8"@ 1834 Drill from 5140'-6128'. DA @ repor		SD: 7/08/07 DSS: 3
07/12/07	TD: 6792' Csg. 9 5/8"@ 1834 Drill from 6128'-6792. DA @ repor		SD: 7/08/07 DSS: 4
07/13/07	TD: 7269' Csg. 9 5/8"@ 183- Drill from 6792'-7269'. TFNB and N		SD: 7/08/07 DSS: 5
07/16/07	TD: 8625' Csg. 9 5/8"@ 183- Drill from 7269'-8625' TD. Short tri report time.	4' MW: 11.6 p and LDDS. Run Triple Co	SD:7/08/07 DSS: 8 mbo. Run production casing @
07/17/07	TD: 8625' Csg. 9 5/8"@ 183 Run and cement 4 ½" production c	4' MW: 11.6 asing. Set slips and release	SD:7/08/07 DSS: 9 rig @ 2000 hrs 7/16/07. RDRT.
08/13/07	TALLY, PICK UP TBG Days On Completion: 1 Remarks: TALLY & PICK UP 2,3/8	TBG TAG @ 8565' PULL &	LAY DOWN 30 JTS 2,3/8 POOH

NIPPLE DOWN BOP NIPPLE UP FRAC VALVES SDFN...

08/14/07 LOG-FRAC

Days On Completion: 2

Remarks: MIRU CUTTERS LOG CBL-CCL-GR LOG F/8565' TO SURF TEST CSG - FRAC VALVES TO 7500# GOOD TEST RIH W/ 3,3/8 GUNS 23 GM .36 HOLES PERF @ 8040'-43' 4 SPF 8143'-45' 4 SPF 8172'-75' 4 SPF 8247'-8249' 3 SPF 8271'-73' 3 SPF BRK PERF @ 4956# INJ RT 36.5 BMP INJ PSI 5100# ISIP 3113# FG .82 FRAC W/ 44700# 30/50 SAND + 1262 BBL SLICKWATER MP 6712# MR 51.4 AP 4154# AR 48.9 BPM ISIP 2871# FG .79 NPI -242#

STAGE # 2 RIH SET 8K CBP @ 7516' PERF @ 7295'-97' 4 SPF 7343'-46' 4 SPF 7456'-58' 3 SPF 7481'-86' 4 SPF BRK PERF @ 3089# INJ RT 50.7 BPM INJ PSI 3700# ISIP 2017# FG .71 FRAC W/ 47800# 30/50 SAND + 1307 BBL SLICKWATER MP 4089# MR 51.5 BPM AP 3732# AR 51.2 ISIP 2752# FG .81 NPI 735#

STAGE #3 RIH SET 8K CBP @ 7180' PERF @ 6923'-26' 3 SPF 7032'-37' 4 SPF 7090'-92' 3 SPF 7147'-50' 4 SPF PERF BRK @ 2553# INJ RT 50.7 BPM INJ PSI 3880# ISIP 2297# FG .76 FRAC W/ 56800# 30/50 SAND + 1468 BBL SLICKWATER MP 4365# MR 53.7 BPM AP 3633# AR 49.9 BPM ISIP 2330# FG .77 NPI 33#

08/15/07 FRAC

Days On Completion: 3

Remarks: STAGE #4 BRK PERF @ 3165# INJ RT 50 BPM INJ PSI 3300# ISIP 1497# FG .66 FRAC W/ 60000# 30/50 SAND + 1601 BBL SLICKWATER MP 3777# MR 56 BPM AP 3391# AR 52.9 BPMISIP 2361# FG .79 NPI 864#

STAGE #5 RIH SET 8K CBP @ 6011' PERF @ 5767'-69' N4 SPF 5970'-74' 4 SPF 5977'-81' 4 SPF BRK PERF @ 1741# INJ RT 52.5 BPM INJ PSI 3100# ISIP 1177# FG .64 FRAC W/ 18500# 30/50 SAND + 571 BBL SLICKWATER MP 3300# MR 53.1 BPM AP 3127# AR 52.9 BPM ISIP 2237# FG .82 NPI 1060#

STAGE #6 RIH SET 8K CBP @ 5125' PERF @ 5080'-83' 4 SPF 5088'-95' 4 SPF BRK PERF @ 2489# INJ RT 52.3 BPM INJ PSI 3100# ISIP 1300# FG .70 FRAC W/ 22000# 30/50 SAND + 600 BBL SLICKWATER MP 3283# MR 53.4 BPM AP 3169# AR 52.6 BPM ISIP 2178# FG .86 NPI 878# RIH SET 8K CBP @ 4930' RIG DOWN HSC & CUTTERS MAKE UP POBS & BIT RIH TAG @ 4930' RIG UP DRILG SDFN RESIN COATED SAND PUMPED IN ALL 2# STAGES & SCALE INHIBITOR

08/16/07 DRILL CBP

Davs On Completion: 4

Remarks: BRK CIRC DRILL CBP @ 4930' 50# KICK. RIH TAG @ 5095' 30' SAND ON CBP DRILL OUT SAND & CBP 5125' 400# KICK. RIH TAG @ 5980' DRILL OUT SAND & CBP @ 6011' 400# KICK. RIH TAG @ 6722' 30' SAND ON PLUG DRILL OUT SAND & CBP @ 6752' 300# KICK. RIH TAG @ 7150' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7180' 400# KICK. RIH TAG @ 7486' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7516' 100# KICK. RIH TAG @ 8483' PULL & LAY DOWN 32 JTS. LAND ON WELL HEAD W/ 245 JTS 2,3/8 J-55 TBG.

7562.66

 SDFN
 TBG DETAL

 KB
 16.00

 HANGER
 .83

 245 JTS 2, 3/8 J-55 TBG
 7543.63

 R-NIPPLE
 F-EDDIE
 2.20

BACK TO YARD 43 JTS = 1231.90'

08/17/07 RDMO RIG

EOT

Days On Completion: 5

Remarks: CLEAN LOC RIG DOWN MOVE OUT.

FLOWBACK REPORT: CP 1000#, TP 800#, CK 20/64", 25 BWPH, LOAD REC'D 1530 BBLS, LLTR 2879 BBLS

08/18/07 FLOWBACK REPORT: CP 1800#, TP 900#, CK 20/64", 20 BWPH, LOAD REC'D 2095 BBLS, LLTR 2314 BBLS

08/19/07 WELL WENT ON SALES: @ 9:48 AM, 500 MCF, 850 TBG, 1900 CSG, 20/64 CK, 20 BBWH **FLOWBACK REPORT:** CP 1900#, TP 1000#, CK 20/64", 20 BWPH, LOAD REC'D 2575 BBLS, LLTR 1834 BBLS

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - · A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC Today's Date: 09/18/2007

API Number:	Drilling Commenced:
4304735923	02/05/2005
4304735929	08/06/2005
4304736238	12/30/2006
4304737865	01/25/2007
4304738033	01/25/2007
4304736017	01/30/2007
4304737567	02/07/2007
4304736793	03/14/2007
	4304735923 4304735929 4304736238 4304737865 4304738033 4304736017 4304737567

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File Compliance File

Well	API number	Drilling Commenced
Archy Bench 11-22-22-2 drlg/wcr	4304736786	03/14/2007
Rock House 11-23-21-2 drlg/wcr	4304738032	05/02/2007
Rock House 11-23-22-2 drlg/wcr	4304737867	05/02/2007
Hanging Rock 11-23-43-36 drlg/wo	or 4304738282	05/03/2007

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

											<u> </u>				
la. Type of V		-	il 🔀		Dry Work Over	Other Deepen	☐ Plu	ıg Back	Diff.	Resvr.		f Indian, A			
b. Type of C	ompietion.		Other		WOIK OVEI	Deepen		.g Duen							me and No.
												#8910 Lease Nam			U UNIT
2. Name of C	-		C ONC	HOBEL	D							Lease Nam			
KERR Mo	CGEE OI	L & GA	S UNS	HORE	<u>-P</u>		3a. Pho	ne No. (inc	lude area	code)		API Well		<u> </u>	
		0 E 4 0	T VEDI	NIAL LIT	^ LU 0407	Ω	1	-781-702				735987			
1368 SO	UIH 120	OF LOCATI	ons clearly	vand in ac	AH 8407	h Federal requ			- '						
4. Location (oi wen (kep	or rocan										Field and URAL E			atory
At surface			NE/	NE 660'	FNL, 660'	FEL						Sec., T., F			and
At top prod.	interval rep	orted belo	w									Survey or County or	Area	SEC.	20, T10S, R22E 13. State
At total dept	·h					_					UIN				UTAH
14. Date Sp			15. D	ate T.D. R	eached		16. Dat	e Complete	d V	dy to Prod.	l	Elevation	s (DF, RK	(B, R)	r, GL)*
05/31/07			07/1	6/07			08/19	D & A 3/07	IAI Read	ly to Frod.	5298	3'GL			
18. Total De			8625'	19. F	Plug Back T.I	D.: MD TVD	8572			20. Depth	Bridge	Plug Set:	MD TVD		
21. T	TV		nical Logs	Run (Sub	mit copy of e				22. Was	well cored	? 🔼 N	۱۰ 🗖	Yes (Sub	mit co	ру)
21. 1ype E1	ecinc & Oil	iei Mecha	ilicai Logi	Kun (Duo	nnt copy of c	uo,			Was	DST run?	1 🔯	√o 🗖	Yes (Sub		•
CBL-CC	ا -GR خنا	ישם ח	N A	CTR					Dire	ctional Sur	vey? 2	No No	Yes ((Subm	it copy)
23. Casing					well)										
	Size/Grade			op (MD)	Bottom (M	AI) II -	Cementer epth		Cement	Slurry V (BBL)		Cement	Top*	A	mount Pulled
20"	14"	36.7#	#		40'				SX_		_				
12 1/4"	9 5/8"	32.3			1970			1	SX						
7 7/8"	4 1/2"	11.6	*		8625	<u>' </u>		1520) SX		\dashv				
24. Tubing	Pacord							<u> </u>							
Size	Depth Se	t (MD)	Packer De	epth (MD)	Size	Depth S	Set (MD)	Packer De	epth (MD)	Siz	ze	Dept	h Set (MI) [Packer Set (MD)
2 3/8"	756			F										_	
		.=								<u> </u>					
25. Produci	ing Intervals	3					foration I			0:	1 57	o. Holes	1	Dom	F. Status
	Formation			Тор	Botton		Perforated			0.36	N	80			PEN
1.37	WASATO			5080'	5981		5080'-{ 6712'-8			0.36	+-	177	+		PEN
<u> </u>	ESAVEF	RDE		6712'	8043	· ·	0112-0	3043		0.00	+	***	1		·
<u>C)</u>					- 										
D)	racture, Tre	atment. C	ement Sau	eeze, Etc.											
	Depth Inter							Amount an		Material					
	5080'-59		PM	P 1171	BBLS SL	ICK H2O 8	ኔ 40,5 0	0# 30/50	0 SD						
- (6712'-80	43'	PM	P 5638	BBLS SL	ICK H2O 8	<u> 152,5</u>	00# 30/	50 SD	<u> </u>					
															-
28. Produc	tion - Interv	Al A Hours	Test	Oil	Gas	Water	Oil Gra	avity	Gas		Produ	ction Metho	od		
Produced	Test Date	Tested	Production		MCF	BBL	Corr. A	API .	Gravity			EI 0	MO EE	0014	WELL
08/19/07	09/01/07	24	\rightarrow	0	914	408	07.0	•:	Well Ctot		<u> </u>	FLO	WS FF	COIVI	VVELL
Choke	Tbg. Press. Flwg. 302#	Csg.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A	-	Well Stat						
Size 22/64	Flwg. 302#	943#		O	914	408				P	ROD	UCING	GAS V	VELI	
	iction - Inter		·								\ -		_ 1		·····
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr Corr. A		ECE	IVED	Produ	iction Meth	DO		
Produced	Date	Tested 24	Production	BBL 0	мсғ 914	BBL 408	Con. A		מוניים מ	ፍ ኅ ሰሰን		FLO	WS FF	<u>RO</u> M	WELL_
08/19/07 Choke	09/01/07 Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Oil Gr		SEP 2	ਸ਼ੂ 2007					
Size	Flwg. 302#	Press.	Rate	BBL	мсғ 914	BBL 408	Corr. A	API	401 0	AS & MIR	ROD	UCING	GAS V	VEL	L
22/64	let 12	1 943#	. —	1 0	1 914	1 400	1	1 11 V ()	m VIII. la	MO O IVIIIN					

	luction - Inte	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
First luced	Test Date	Tested	Production	BBL	MCF	BBL	Corr. API			
ke	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
. Proc	luction - Inte	rval D							In 1 de Madad	
e First duced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
ke	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
Disp	osition of Ga	s (Sold, use	ed for fuel, 1	vented, etc.	, 					_
מוכ								21 Farmet	on (Log) Markers	
Sum	mary of Porc	ous Zones (I	include Aqu	ifers):				51. Folillati	Oii (LOE) Warkers	
tests	w all importa , including d recoveries.	nt zones of epth interva	porosity and al tested, cus	d contents shion used	thereof: Cor , time tool ope	ed intervals an en, flowing and	d all drill-stem shut-in pressures			
Fo	ormation	Тор	Bottom		Descr	riptions, Conter	nts, etc.		Name	Top Meas. Depth
MESA	ATCH VERDE	4219' 6701'	6701'	procedure)	:					
	rcle enclosed Electrical/M Sundry Noti	echanical I ce for plug	Logs (1 full ging and cen	ment verifi		Geologic I Core Anal Complete and G	ysis 7.	DST Report Other: d from all availa	Directional Surv ble records (see attached)	
5. 36. I h							Title		R LAND ADMIN S	